

## CITY OF ALAMEDA

### Memorandum

To: Honorable Mayor and  
Members of the City Council

From: Lisa Goldman  
Acting City Manager

Date: April 5, 2011

Re: Adopt Plans and Specifications and Authorize a Call for Bids for Repair  
and Resurfacing of Certain Streets, Phase 30, No. P.W. 10-10-26

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### BACKGROUND

The Public Works Department uses a Pavement Management System (PMS) to identify and prioritize streets requiring pavement maintenance based upon the existing surface conditions, anticipated traffic levels, and recently completed utility work. The PMS program identifies various categories of repair ranging from minor maintenance to reconstruction of the street. A major goal of the PMS is to provide regular maintenance of streets with a slurry seal and thereby extend the life span of the infrastructure in a cost effective manner. A slurry seal costs approximately \$150,000/mile, while resurfacing costs \$600,000/mile and reconstruction costs \$1.4M/mile.

The Public Works Department recently updated its PMS and completed a pavement survey with a grant from the Metropolitan Transportation Commission. The list of recommendations generated by the PMS program was compared with the City's ongoing pavement management planning to coordinate with master planning for sewers, storm drains, water, telecom, underground electric, striping, street trees, sidewalks, signals, and traffic calming to ensure that once the street is resurfaced, it will not be trenched for other work for at least five years. This master planning also takes into account varying amounts and limitations of funding sources from year to year.

### DISCUSSION

This project proposes to slurry seal approximately six miles of street, crack repair/seal approximately ten street sections (2.5 miles), and repair and resurface Parking Lot A on Park Avenue. The work will include reconstruction of selected pavement failure areas, selected curb and gutter removal and replacement, crack sealing, traffic/pavement marking replacement, traffic loop replacement, and Americans With Disabilities Act (ADA) curb ramp upgrades. In addition, one street will be cold-planed and overlaid with hot mix asphalt while the remaining streets will be slurry sealed. The streets included in this project and a description of the specific work to be performed is as follows:

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**04-05-11**

BASE BID

The following street has been identified for reconstruction of pavement failure areas, wedge planing and/or full planing, hot mixed asphalt overlay, crack sealing, traffic/pavement marking removal/replacement, traffic loop replacement, curb and gutter repair, (ADA) curb ramp upgrades and adjusting manholes to grade:

- Robert Davey Jr. Drive, Island Drive to Packet Landing Road

The following streets have been identified for crack sealing and touch up of traffic/pavement markings:

- Atlantic Avenue, Webster Street to Challenger Drive
- Appezzato Parkway, Poggi Street to Campus Drive
- Aughinbaugh Way, Robert Davey Jr. Drive to Mecartney Road
- Eighth Street, Eagle Avenue to the south end (near Lincoln Avenue)
- Fernside Boulevard, Central Avenue to Thompson Avenue
- Lincoln Avenue, Central Avenue to Fifth Street
- Market Street, Madison Street to the end of the cul-de-sac
- Portola Avenue, Eighth Street to Burbank Street
- Robert Davey Jr. Drive, Aughingbaugh Way to Oyster Pond Road
- Willow Street, Clinton Avenue to Encinal Avenue

The following parking lot has been identified for reconstruction of pavement failure areas, curb repair, crack sealing, pavement marking removal and replacement, and parking lot sealing:

- Parking Lot A (off Park Avenue)

The following streets have been identified for reconstruction of pavement failure areas, crack sealing, traffic/pavement marking removal and replacement, ADA curb ramp upgrades, and slurry sealing:

- Calhoun Street, College Avenue to Court Street
- Doris Court, full length
- Fourth Street, Central Avenue to Pacific Avenue
- Grace Court, full length
- Independence Drive, Marina Village Parkway to Triumph Drive
- Island Drive, Mecartney Road to Catalina Avenue
- Mastick Court, full length
- Pearl Street, Calhoun Street to San Jose Avenue

- Stanton Street, Lincoln Avenue to Buena Vista Avenue
- Taylor Avenue, Fifth Street to Webster Street
- Triumph Drive, full length
- Washington Street, Broadway to Versailles Street
- Washington Street, Court Street to Peach Street

#### ADDITIVE ALTERNATES

The following additional streets have been identified for reconstruction of pavement failure areas, crack sealing, traffic/pavement marking removal and replacement, ADA curb ramp upgrades, and slurry sealing, as the project budget allows:

#### ADDITIVE ALTERNATE #1

- Bridgeview Isle, full length
- Haight Avenue, Linden Street to Webster Street
- Kofman Parkway, Tralee Lane to Applegate Way
- Paru Street, Buena Vista Avenue to Clement Avenue
- Pease Court, full length
- Seaview Parkway, Tralee Lane to Kara Road
- Wayne Court, full length

A copy of the plans and specifications for the proposed work is on file in the City Clerk's office.

#### FINANCIAL IMPACT

The funds for this project are budgeted in the Capital Improvement Program (Fund 310 Project Number 9820130), with funds available from the Citywide Development Fee, Parking Meter Fund (for Parking Lot A), and the Sewer Fund. There is no impact to the General Fund.

#### MUNICIPAL CODE/POLICY DOCUMENT CROSS REFERENCE

This project is consistent with the Waste and Recycling Initiative of the Local Action Plan for Climate Protection by requiring recycling of 80% of all construction waste.

#### ENVIRONMENTAL REVIEW

In accordance with the California Environmental Quality Act (CEQA), this project is Categorically Exempt under CEQA Guidelines Section 15301(c), Existing Facilities.

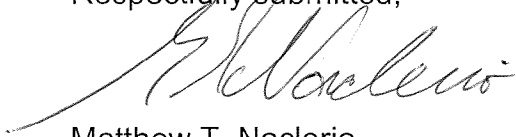
Honorable Mayor and  
Members of the City Council

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RECOMMENDATION

Adopt plans and specifications and authorize a call for bids for repair and resurfacing of certain streets, Phase 30, No. P.W. 10-10-26.

Respectfully submitted,



Matthew T. Naclerio  
Public Works Director

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Laurie Kozisek  
Associate Civil Engineer

Approved as to funds and account,



Fred Marsh  
Controller

Exhibit:

1. Plans and Specifications (on file in the City Clerk's office)